



Still yet another aspect of The the present invention (~~corresponding to claim 22~~) is a data transmission apparatus, comprising:

Specification at page 13, line 1:

A further aspect of The the present invention (~~corresponding to claim 27~~) is a receiving apparatus, comprising:

Specification at page 13, line 22:

A further aspect of The the present invention (~~corresponding to claim 31~~) is a receiving apparatus, comprising:

Specification at page 14, line 22:

A still further aspect of The the present invention (~~corresponding to claim 38~~) is a data sending apparatus, comprising:

Specification at page 15, line 12:

A yet further aspect of The the present invention (~~corresponding to claim 42~~) is a sending apparatus, comprising:

Specification at page 17, line 5;

Figs. 9(a)-9(d) is-an are explanatory diagrams showing a method of transmitting DV frame data on an IEEE1394 bus;

Specification at page 17, line 21:

Figs. 17(a)-17(e) is-an are explanatory diagrams showing a structure example of an input/output packet which is used in the eighth, the ninth, the tenth and the eleventh preferred embodiments;

Specification at page 17, line 24:

of the present invention

Figs. 18(a)-18(d) ~~is an~~ are explanatory diagrams showing a method of transmitting an MPEG2 TS packet on an IEEE1394 bus; and

Specification at page 18, line 1:

Figs. 19(a)-19(c) ~~is an~~ are explanatory diagrams of what is realized by a program which is a twelfth preferred embodiment.

IN THE CLAIMS:

1                   10.    (Amended) The data processing system of any one of Claims  
2   1 through 6 or 8 or 9, characterized in that ~~said real-time data~~ said data of a  
3   device which comprises an interface which is required to ensure real-time  
4   processing are video data.

1                   11.    (Amended) A medium which can be processed on a  
2   computer and which carries a program and/or data for making a computer  
3   execute all or some functions of all or some means according to any one of  
4   Claims 1 through 6 or 8 or 9 ~~10~~.

1                   12.    (Amended) An aggregation of information which is a  
2   program and/or data for making a computer execute all or some functions of all or  
3   some means of the invention according to any one of Claims 1 through 6 or 8 or  
4   9 ~~10~~.

1                   18.    (Amended) The data transmission apparatus of any one of  
2   Claims 13 through ~~14~~ 15, characterized in that said predetermined time of day  
3   information time is expressed as groups of the start time and the end time of said  
4   data frames.

1                   19.    (Amended) The data transmission apparatus of any one of  
2   Claims 13 through ~~18~~ 15, characterized in that said stream data are data for a  
3   digital VCR for consumer use.

1                   20.    (Amended) The data transmission apparatus of any one of  
2   Claims 13 through ~~19~~ 15, characterized in that said sending means sends said

3 stream data to a digital VCR for consumer use.

1 21. (Amended) The data transmission apparatus of any one of  
2 Claims 13 through ~~20~~15, characterized in that said outputting means reproduces  
3 data for a digital VCR for consumer use.

1 25. (Amended) A medium which can be processed on a computer  
2 and which carries a program and/or data for making a computer execute all or  
3 some functions of all or some means of the data transmission apparatus of any  
4 one of Claims 13 through 15 or 22 or 23~~24~~.

1 26 (Amended) An aggregation of information which is a  
2 program and/or data for making a computer execute all or some functions of all or  
3 some means of the invention according to any one of Claims 13 through 15 or 22  
4 or 23~~24~~.

1 35. (Amended) The receiving apparatus of any one of Claims 27  
2 or 28 or 30 through 34, characterized in that said interface is an IEEE1394  
3 interface, and said transport packet is an isochronous packet.

1 36. (Amended) The receiving apparatus of any one of Claims 27  
2 or 28 or 30 through ~~35~~34, characterized in that said additional information is  
3 copyright information.

1 37. (Amended) The receiving apparatus of any one of Claims 27  
2 or 28 or 30 through ~~36~~34, characterized in that said additional information is  
3 described in an SY area of an isochronous packet.

1 41. (Amended) The sending apparatus of Claim 39, characterized  
2 in that ~~said input packet inserts said additional information to said source packet~~  
3 ~~header~~in said input packet, said additional information is inserted to said source  
4 packet header.

1 45. (Amended) The sending apparatus of any one of Claims 38 or  
2 39 or 42 through 44, characterized in that said interface is an IEEE1394 interface,  
3 and said transport packet is an isochronous packet.

1                   46.    (Amended) The sending apparatus of any one of Claims 38 or  
2   39 or 42 through 4544, characterized in that said additional information is  
3   copyright information.

1                   47.    (Amended) The sending apparatus of any one of Claims 38 or  
2   39 or 42 through 4644, characterized in that said additional information is  
3   described in an SY area of an isochronous packet.

1                   48.    (Amended) A medium which can be read on a computer and  
2   which holds a program for making a computer execute all or some of the  
3   respective means or the respective structural elements which form the receiving  
4   apparatus or the sending apparatus according to any one of Claims 27 or 28 or 30  
5   through 34 or 38 or 39 or 42 through 4744.

1                   49.    (Amended) An aggregation of information which is a  
2   program and/or data for making a computer execute all or some functions of all or  
3   some means of the invention according to any one of Claims 27 or 28 or 30  
4   through 34 or 38 or 39 or 42 through 4744.